



PIKES PEAK REGIONAL SCIENCE AND ENGINEERING FAIR FACT SHEET



Who We Are

The Pikes Peak Regional Science Fair, Incorporated (PPRSF) is a non-profit corporation dedicated to stimulating and encouraging youthful interest in science and scientific endeavors through student participation in regional, state, and international science fairs. The Pikes Peak Regional Science Fair serves students in grades 6 through 12 in all school districts (including private schools, parochial schools, and home schools) in Elbert, El Paso, Park and Teller Counties.

In 2020, the fair name was changed to The Pikes Peak Regional Science and Engineering Fair. The 2021 PPRSEF will be held at the University of Colorado Colorado Springs on Saturday, February 20, 2021. This will be the 64th year for this event.

What We Do

The fair fosters excellence in our future technical leaders by:

- motivating students to perform independent projects in science and engineering.
- recognizing outstanding projects.
- providing opportunities for students to exhibit their work and be recognized.

We believe science fair projects encourage positive demonstrations of:

- clear thinking.
- focus and discipline.
- tangible practical results.

The PPRSEF awards ribbons, medals, and cash, in addition to working with professional organizations and other institutions to present focused special awards in dozens of categories.

PPRSEF Projects at Other Fairs

The PPRSEF is a successful, high quality science fair as is demonstrated by the accomplishments of its students at the Colorado Science & Engineering Fair and International Science & Engineering Fair. Our goal is to help bring the excitement of science from the early school years to high school and beyond. Many of our students go on to science fields and/or use their learning of the scientific method and use of research in their adult lives.

In 2020, 26 PPRSEF projects were presented at the virtual Colorado Science & Engineering Fair. Out of the 26, 65% earned awards including 13 category awards and 12 special awards. Four PPRSEF senior division participants were selected to attend the 2020 Regeneron International Science and Engineering Fair in Anaheim. Unfortunately, the contest was canceled due to the global pandemic.

PPRSEF Resources:

The PPRSEF strives to assist our participants through:

- on-line registration for students, teachers and judges with printable forms and information packets available upon registration at: www.pprsef.org
- on-line site providing information and support on project procedures, fair rules, project ideas, and fair location details.
- project judging forms that enable uniform and precise scoring across categories and judges across successive rounds of judging.
- cash prizes, ribbons and medals for category awards.
- complete support for students to attend the International Science and Engineering Fair and acceptance to other international science competitions.

Science Fair Budget

The 2020 PPRSEF had 75 initial entries and several additional students in group projects. The total operational budget for the fair annually typically approaches \$30,000 including among other items:

- Student Awards (Ribbons, cash, medals): \$7,000
- Meals for all Fair contestants and judges: \$2,500
- Hotel for Nationals: \$3,000
- Airfares for Nationals: \$3,000
- Hotel for State: \$1,000
- Insurance: \$2,000
- Tables and supplies rentals: \$2,000
- T-shirts: \$1,500
- International Science Fair Registration: \$1,500
- State Science Fair Registration: \$1600
- International Science Fair Affiliation: \$800
- Program Printing: \$400
- International Science Fair Shipping: \$500
- Office supplies: \$200

Numerous sponsors invest in the science fair and many additional contributors donate cash for the fair. Cash and in-kind contributions for the 2020 fair came from The Russell Grinnell Memorial Trust, AFCEA, INTEL, UCCS, CC and others, which enabled the fair to succeed. See the complete list of fair sponsors on the next page.

Our Corporate Status

The PPRSEF is a non-profit 501(c) 3 corporation (IRS 23-7056794); all contributions are tax deductible to the extent of the law. Over 97% of funds collected directly benefit the students of the Pikes Peak region. The 20-member Board of Directors, nearly 150 judges and volunteers, and dozens of fair officials and teachers all serve as volunteers; the fair pays no salaries or stipends.

2020 Fair Sponsorship

This year, the fair is seeking donations by fair sponsors, patrons, and contributors. All donations are acknowledged with a letter and acknowledgment in the fair brochure (distributed at the fair), as well as on the website.

2020 Contributor List

Platinum Fair Sponsor

- Russell Grinnell Charitable Trust Foundation

Gold Fair Sponsors

- AFCEA
- Intel Corporation
- Northrop Grumman Corporation

Silver Fair Sponsors

- Ascension Engineering Group
- Flagline, Inc
- The Duvall Family
- Several Anonymous Donors

Contributors (and In-Kind Awards):

- American Association of University Women
- American Meteorological Society
- American Psychological Association
- American Society for Materials Educational Foundation
- American Statistical Association, Jr.
- Ascension Engineering Group
- Association for Women Geoscientists
- Biological Science Curriculum Study (BSCS)
- Broadcom MASTERS / Society for Science
- Citizens Project
- Colorado Associates in Medical Physics
- Colorado Chapter -Soil & Water Conservation Society
- Colorado College
- Cool Science
- Deep Space Exploration Society
- Department of Defense
- Duvall Family
- Flagline.com
- Gates Corporation
- Mu Alpha Theta
- NASA
- NOAA
- NDIA
- Northrop Grumman
- Old Town Bike Shop
- Patent & Trademark Office Society
- Pikes Peak Justice and Peace Commission
- RICOH Americas
- Society for In-Vitro Biology
- Stockholm Water Prize
- SWE
- US Agency for International Development
- U.S. Air Force
- U.S. Metric Association
- U.S. Navy

- UCCS Dept. of Chemistry & Biochemistry
- Yale Science and Engineering Association

Special Contributors

- University of Colorado in Colorado Springs
- Colorado College
- BuzzHome Productions
- Colorado Springs School District #11

2020-21 Board of Directors:

Robert Armstrong is a retired Air Force meteorologist, a long-time board member, special judge, and supporter of the fair. He serves as Funds Chairman.

Dr. Carol Bach is a retired pediatrician and retired biology teacher and head of the Scientific Review Committee.

Greg Busby is a retired teacher who owns BuzzHome Productions and is on the Safety and Scientific Review Committee.

Caitlin Casai is a local teacher and is a consultant to the board.

Karen Crosson is a retired science teacher and special awards co-chair.

Tanya Duvall is a parent representative and PR Coordinator.

Nancy Hampson is a retired science teacher and is on the SRC and is the current fair director.

Dr. Rob Kolstad holds a PhD in computer science and is a long-time member of the board. He is the Head Judge for the fair.

Dr. Donald Kraft holds a PhD in industrial engineering and teaches computer science. He serves as Board President.

Tammi Kruse is an educator and parent representative. She serves as Volunteer Coordinator.

Srikant Mantravadi is liaison to AFCEA and a member of the board.

Charlie Matteson and **Georgia Matteson** have been involved with the fair for many years and are consultants to the board.

Vincent Nigro is a local teacher and is a consultant to the board.

John Parish is a parent, engineer and consultant to the board.

Dr. Steve Rubin is a veterinarian and currently CEO of Colorado Academy of Veterinary Technology.

Tony Schene is a computer specialist and assists with the judging computations and computer tracking.

Dr. Mike Sidman is a local engineer and member of the board who does website design and works to find local mentors for science fair participants.

Lynne Williams is a retired science teacher and special awards co-chair.

UCCS Liaison: Vicki Taylor - UCCS Center for STEM Education

Donations may be made to:

Pikes Peak Regional Science Fair, Inc.
c/o **Robert J. Armstrong, Funds Chairman**
4350 Seesaw Lane
Colorado Springs, CO 80917-2949

For other questions contact:

Nancy Hampson
Fair Director
(719) 596-8256

E-Mail: pprsef.colorado@gmail.com